



## OBD/SS CARBON

Bypass module for removing factory Magneride 4.0 shocks

2020+ C8 Corvette (FE4)

2021+ GM SUVs (Z95)

Tahoe (Suburban) - Yukon (XL) - Escalade (ESV)

- **No 'Service Suspension' messages**
- **No suspension related speed limiters**
- **Functional cruise control**

The OBD/SS comes on with vehicle switched ignition. It communicates via CAN with the SCM (Suspension Control Module) to acknowledge the missing shocks and disables its ability to send the notification to the ECU or Instrument cluster.

### Instructions:

1. Leave all accelerometers and ride height sensors connected.
2. Unplug/Remove magneride shocks.  
Connect optional plugs to protect open electrical connection.
3. Connect the red wire to any ACC (Switched Ignition +12V) power that comes on when the ignition is ON and/or engine is ON.

### SEE Page 2 & 3 for Fuse Locations

C8 - FUSE #14 in the 'Between Seats' fuse panel

SUV - FUSE #26 in the 'Passenger Side' fuse panel

4. Plug the OBD/SS into the OBD port, located in the above the pedal assembly.
5. Tuck the OBD/SS up under the dash via zip ties.

**The RED LED will turn ON when the vehicle is ON.**

If you need to scan the ECU or other modules for DTCs simply unplug the OBD/SS from the OBD port. You will see a 'Service Suspension' message on the dash but it will go away when you plug the OBD/SS back in.

If another device is already plugged into the OBD port or you need access to your OBD port you can use any OBD port splitter cable that passes ALL 16 wires. Be aware there are many cheaper OBD splitter cables that only pass power and ground, these will not work for CAN communication devices like our OBD/SS.

Visit ShockSims.com accessory section for approved OBD splitter cables.

**C8 Corvette NOTE: If hydraulic front lift shocks have been removed  
- Install Front Lift Height Sensor Simulators (black modules)**

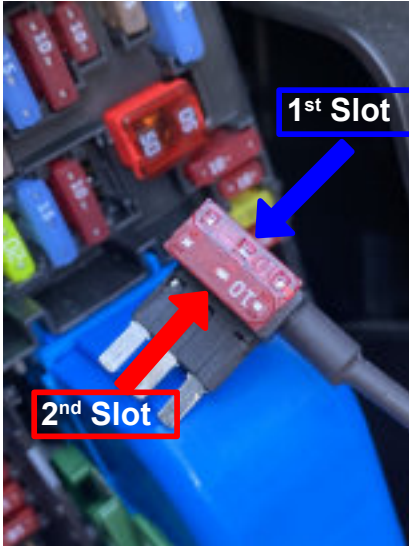
Plug the two provided black 3 pin modules (male) into the female plugs that were previously connected to the front lift shocks.

## C8 - Fuse Location

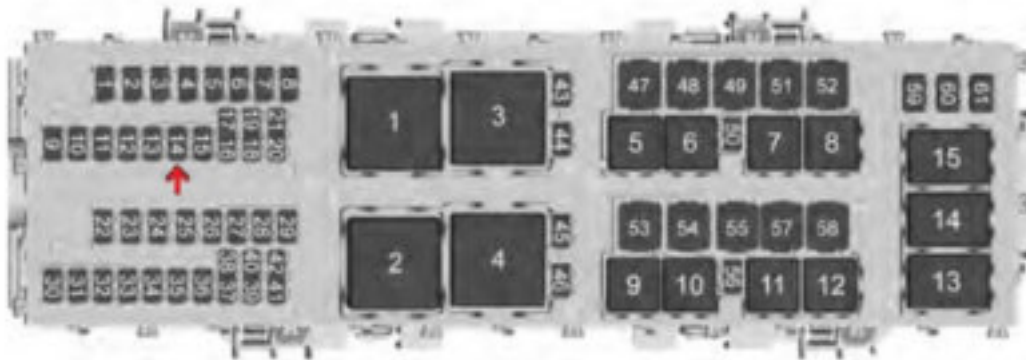
Fuse #14 is labeled as Seat Fan in the 'Between Seats' fuse panel.

Here is how to properly populate the Fuse Tap:

Remove Fuse 14, place in  
**2<sup>nd</sup>** slot. Supplied fuse in **1<sup>st</sup>**

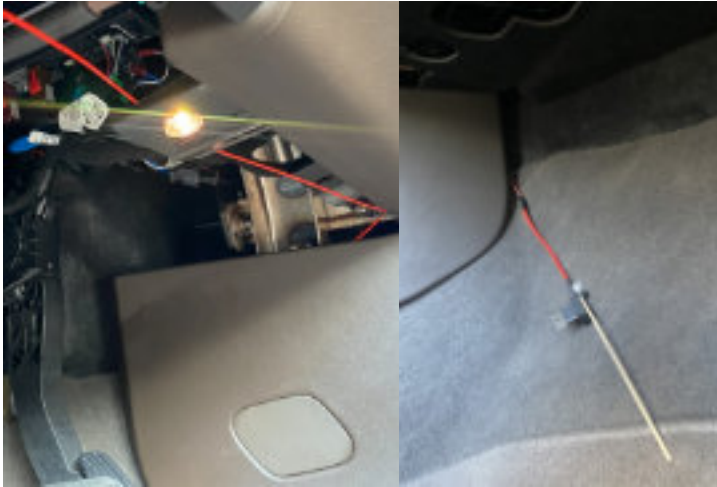


### Between Seats



## SUV - Fuse Location

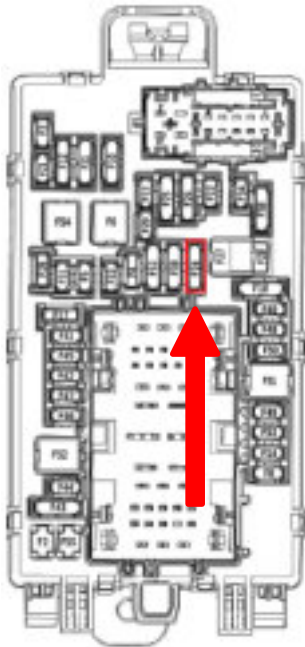
1. Using the provided guide dowel, push the fuse tap to the passenger side between the carpeted wall and the back of the center console.



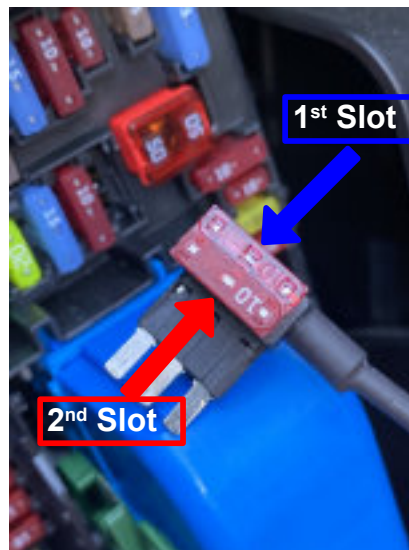
2. Remove the passenger fuse panel cover



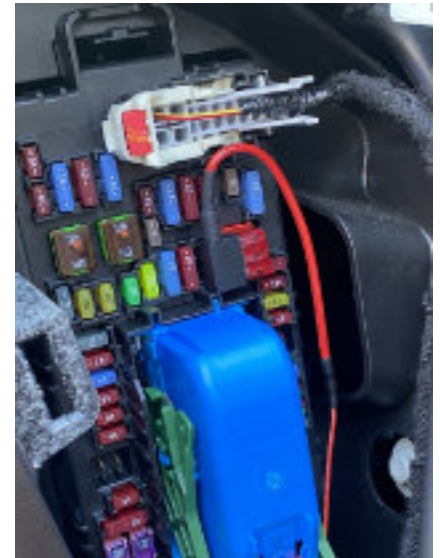
3. Locate Fuse 26 (10Amp)



4. Remove Fuse 26, place in 2<sup>nd</sup> slot. Supplied fuse in 1<sup>st</sup>



5. Insert into empty Fuse 26.



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